

Work Order ID 160667

Tuesday, May 02, 2017 3:13:02 PM

160667

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Item ID: D3996-FE-832-EF

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Self-Clinching Fastener

Stop

NS2

Start Date: 5/3/2017 Start Qty: 100.00

Required Date: 5/10/2017 Req'd Qty: 100.00

100***100***

MAY 04 2017

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

DAS

13

Date: MAY 03 2017

Tooling:

Date:

Run Start

NR1

QC:

DAS

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D3996

A

100

0.00

100

Purchasing

Purchasing

Memo

Issue P/O:

36193

Purchase Part Number: FE-832-EF

Supplier: Interfast Inc.

Certificate of conformity is required

0.00

150

MAY 04 2017

DAS

13

9-89

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Packaging

Memo

2.00

150 x 8017-5-D

Work Order ID 160667

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Item ID: D3996-FE-832-EF**Accept*****N900040100*****Setup Start*****NS1*****Revision ID:****Stop*****NS2*****Item Name:** Self-Clinching Fastener**Start Date:** 5/3/2017 **Start Qty:** 100.00***100*****Cust Item ID:****Required Date:** 5/10/2017 **Req'd Qty:** 100.00***100*****Customer:****Reference:****Approvals:** **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____**Run Start*****NR1*****QC:** _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____**Stop*****NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- All purchased or subcontracted products	0.00							
120									
QC	Memo	0.00				150			DAS 38 9-89 MAY 12 2017
Quality Control									
130	Identify as per dwg & Stock Location: _____	0.00							
130									
Packaging	Memo	1.00				150			DAS 38 9-89 MAY 16 2017
Packaging	LOCATION : GA								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	10.00							17/5/16 JH
Quality Control									

MAY 16 2017

DAS
21
9-89

Picklist Print

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Work Order ID: 160667

160667

Parent Item: D3996-FE-832-EF

D3996-FE-832-EF

Parent Item Name: Self-Clinching Fastener

Start Date: 5/3/2017

Required Date: 5/10/2017

Start Qty: 100.00

Required Qty: 100.00

Comments: IPP RevA: new issue 09.11.11 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

FE-832-EF

Purchased

No

110

Each

11.0000

1

100

FF-832-EF

**

150

PEM Insert

Location

Loc Qty

Loc Code

GA

11

m136866

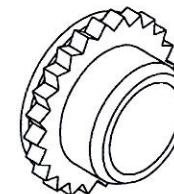
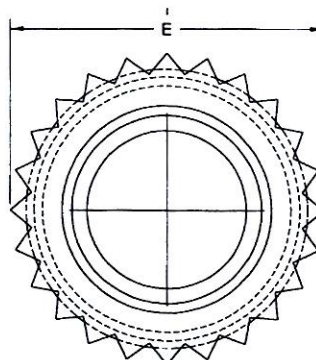
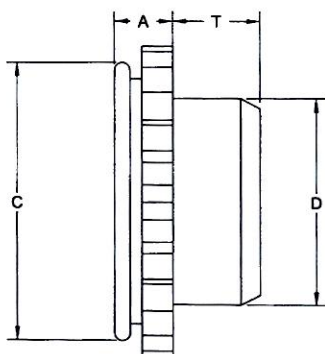
1

m137075

10

150x8p 17-5-16

SPECIFICATION CONTROL DRAWING



D3996-XXX-YYY-ZZZ SELF-CLINCHING FASTENER

THREAD SIZE	THREAD CODE ("YYY")	TYPE ("XXX")	A MAX (SHANK)	SHEET THICKNESS	C +0.000 -0.005	D MAX	E ±0.005	T +0.015 -0.000	HOLE SIZE IN SHEET +0.003/-0.000	MIN DIST: HOLE CL TO EDGE	WEIGHT lb
#4-40 (0.112)	440	FEO	0.040	0.039-0.045	0.171	0.145	0.192	0.065	0.172	0.14	0.00031
		FE	0.060	0.059-0.070							0.00037
#6-32 (0.138)	632	FEO	0.040	0.039-0.045	0.212	0.180	0.244	0.075	0.213	0.17	0.00047
		FE	0.060	0.059-0.070							0.00068
#8-32 (0.164)	832	FEO	0.040	0.039-0.045	0.289	0.215	0.322	0.090	0.290	0.20	0.00098
		FE	0.060	0.059-0.070							0.00124
#10-32 (0.190)	032	FEO	0.040	0.039-0.045	0.289	0.245	0.322	0.110	0.290	0.20	0.00104
		FE	0.060	0.059-0.070							0.00120
1/4-28	0428	FE	0.060	0.059-0.070	0.343	0.318	0.384	0.120	0.344	0.28	0.00158

NOTES

1) SPECIFICATION: PENNENGINEERING (PEM) MINIATURE SELF-CLINCHING FASTENER, SELF-LOCKING
PEM P/N XXX-YYY-ZZZ

WHERE "XXX" = TYPE "FEO" (SHORT SHANK) OR "FE" (LONG SHANK) PER TABLE
"YYY" = THREAD CODE PER TABLE
"ZZZ" = FINISH CODE PER NOTE 2 BELOW

FOR EXAMPLE, #8-32 THREAD, LONG SHANK, ELECTRO-FILM FINISH:
DART P/N = D3996-FE-832-EF
PEM P/N = FE-832-EF

2) FINISH: FINISH CODE ("ZZZ") PER THE FOLLOWING:

"C" = CADMIUM YELLOW CHROMATE PER ASTM B766 CLASS 5 TYPE II
"CI" = CADMIUM CLEAR CHROMATE PER ASTM B766 CLASS 5, TYPE III
"EF" = ELECTRO-FILM PER MIL-PRF-46010
"MD" = MOLYBDENUM DISULFIDE DRY FILM (STD PEM FINISH)

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: N/A

6) IDENTIFICATION: N/A

7) WEIGHT: N/A

MAY 03 2017

DAS
13
9-89

W10.140667

RELEASED
2009-11-08

A		NEW ISSUE		CP	09.10.01
REV.	DESCRIPTION			BY	DATE
DESIGN	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D3996 TITLE SELF-CLINCHING FASTENER SCALE NTS			REV. A	
DRAWN				SHEET 1 OF 1	
CHECKED					
MFG. APPR.					
APPROVED					
DE APPR.					
DATE	09.10.01			COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36193**

Purchase Order Date 5/4/2017

PO Print Date 5/4/2017

Page Number 6 of 10

Order From :
KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

VU-KLX01

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

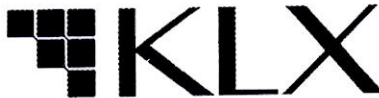
Contact Name
Vendor Phone 305-925-2600
Ship To Contact
Ship To Phone
Ship Via: FedEx Economy collect
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

		Line Total:		\$606.60		
18	NAS1149C0432R	WASHER	5/10/2017 FN Yes 5/10/2017	1,000.00 Each	\$0.02	\$20.00
2600.		Line Total:		\$20.00		
19	NAS1149D0432J	WASHER	5/10/2017 No 5/10/2017	1,000.00 Each	\$0.02	\$20.00
2600.		Line Total:		\$20.00		
20	FE-832-EF	PEM Insert	5/10/2017 Yes 5/10/2017	150.00 Each	\$0.66	\$99.00
299.		Line Total:		\$99.00		
		Line Total:		\$99.00		

Note:

5/4/2017



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXAerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

JA7PX3

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SOLD TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

ORDER NO.		DATE	SHIP VIA		TERMS		SHIPPING TERMS	
PO36193		05/05/17	FEDX INTL ECON COLL		NET 30		FOB-MIAMI	
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION	PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT	
19	1000	LOT#: Z7103 LOT QTY: 1000 Country of Origin USA **REF: NAS1149C0432R **CUST PN: NAS1149C0432R NAS1149D0432J TARIFF: 7616.10.9090 SCHEDULE B: 7616.10.8000 Description WASHER, FLAT ECCN :EAR99 MFR: ANILLO INDUSTRIES CTRL#: 2016J15378 LOT#: Z5280 LOT QTY: 1000 Country of Origin USA **REF: NAS1149D0432J **CUST PN: NAS1149D0432J	0.020	EA	0	1000	20.00	
20	150	FE-832-EF TARIFF: 7318.16.0085 SCHEDULE B: 7318.16.0000 Description NUT ECCN :EAR99 MFR: PENN ENG & MFG. CTRL#: 2016H28832 LOT#: 727557/601030 LOT QTY: 150 Country of Origin USA **REF: FE-832-EF **CUST PN: FE-832-EF	0.660	EA	0	150	99.00	
21	50	FE-832-EF	0.660	EA	50	0	0.00	

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.

05/05/17

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 10000 NW 15 TERRACE, MIAMI, FL 33172

MATERIAL CERTIFICATION: KLX INC. ("KLX AEROSPACE SOLUTIONS") WARRANTS THAT THE ITEMS SUBJECT OF THIS INVOICE WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM ACCOMPANYING THE ITEMS SUBJECT OF THIS INVOICE, ARE IN CONFORMITY WITH ALL CURRENT GOVERNMENT REQUIREMENTS AND THE SPECIFICATIONS OF THE RESPECTIVE MANUFACTURERS. KLX AEROSPACE SOLUTIONS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF KLX AEROSPACE SOLUTIONS IS EXPRESSLY LIMITED EXCLUSIVELY TO REPLACEMENT BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP SUCH REPLACEMENT SHALL OF ANY ITEM WHICH IS REJECTED CONSTITUTE SATISFACTION OF ALL LIABILITY KLX AEROSPACE SOLUTIONS MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE, OR OTHERWISE, AND IN NO EVENT SHALL KLX AEROSPACE SOLUTIONS BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, KLX AEROSPACE SOLUTIONS MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.

PACKING SLIP

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<http://www.KLXAerospace.com/conditions-sale/>

